

INITIAL INSPECTION FORM

Inspector(s): Mark Fitzwater, Matt Culp

Inspection Date: October 23, 2019

Inspection Time: 8:30 am

Limiting Conditions:

I. GENERAL:

Business Name: Decorative Industrial Plating

Address: 2531 Dodge Ave
Helena, Mt 59601

Phone: 406-449-6626

Name and Title of Facility Representative(s) At Inspection: Decorative Industrial Plating
Paul Graham

Name and Title of Correspondence Contact Person: Paul Graham Owner

Type of Business/Operations: Metal Plating and finishing

Average Production Rate: Varies

Number of Employees: 5 Shifts: 8 am – 5 pm

Normal Days of Operation: ☒ 5 days/week ☐ 7 days/week ☐ other _____

Water Supplied By:

City of Helena

Is there an Industrial Waste Permit on file for occupant?

☒ YES

☐ NO

Decorative Industrial Plating is supplying the City of Helena WWTF with a binder of chemical MSDS sheets labeled with which chemicals are in which tanks.

II. SUPPLY:

Raw Materials/
Chemicals:

Nickel
Brass
Copper

Nickel sulfate

Nickel chloride

Zincate

Boric Acid
Sulfuric acid
Nitric Acid
Muratic

Use:

Metal Plating

Metal Plating

Metal Plating

Metal Plating

Metal Plating

Storage
Location:

Chemical
storage

Chemical
storage

Chemical
storage

Chemical
storage

Chemical storage

Storage container (AST, UST, drum, tote, etc), number present, and size:	Steel can	Bag	Bag	Plastic Bucket
Staining/ evidence of spills:	no	no	no	no

SUPPLY continued:

How are supply chemicals handled/ transferred to processing equipment/ area for use?	By Hand				
Floor drains in storage/ handling/use areas? (Y/N)	no				
Location of floor drains in storage or use area?	n/a				
Adequate spill containment? (Y/N)	yes				
If stored outside, are chemicals covered? (Y/N)	n/a				
Potential for spill to reach sanitary sewer or storm sewer? (Y/N)	no				

III. PROCESS/OPERATIONS:

Restaurant/ food preparation present?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	If YES, include additional oil/grease information:
Photography, x-ray, or print shop?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	If YES, include additional silver information:

[illegible]

Description of processes/ operations at the facility:	<p>Decorative Industrial Plating plates and finishes metals for customers. They have chrome tanks, Nickle tanks, copper tanks, and a small gold plating tank. All of the plating tanks are a closed loop system. D.I.P. has one common electro rinse tank that all of the parts are rinsed in. The electro rinse tank is the only process water that is discharged to the City of Helena WWTF.</p> <p>DIP is supplying us with a binder full of MSDS sheets that have been labeled with which chemicals are in which tanks.</p> <p>Sample was taken and delivered to Energy Labs in Helena MT.</p> <p>Our PH grab sample was 8.1</p> <p>.New decking installed in 2018</p>
Products:	<p>ON HAND: See Attached</p>

PROCESS/OPERATIONS continued:

Floor drain(s) located in process areas?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Potential for spill to reach sanitary sewer?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	If YES, location of each drain:		
Adequate spill containment in process areas?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
	If NO, explain:		

IV. WASTE:

Discharged Waste Streams (*to sanitary sewer*)

Waste Streams Discharged to Sanitary Sewer	Volume Generated (Per Day, Month, etc.)	Discharge Frequency
Process water	3,000 gal per month	continuous
Does the Facility treat the process water in any way <i>before</i> discharging to the sanitary sewer?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If YES, describe the system and identify the waste streams treated:		

Process water	3,000 gal per month	continuous
Does the Facility treat the process water in any way <i>before</i> discharging to the sanitary sewer?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If YES, describe the system and identify the waste streams treated:		

Non-Discharged Waste Streams (*any type of liquid or solid waste that is not discharged to the sanitary sewer, except DOMESTIC TRASH*) Attach manifests and/or receipts, if applicable.

Waste Streams NOT Discharged to Sanitary Sewer:	Volume Generated (Per Day, Month, etc.):	Storage Location
none		

WASTE continued:

Storage container (AST, UST, drum, tote, etc), number present, and size:					
Staining/ evidence of spills:					
Floor drains in storage area? (Y/N)					
Location of floor drains in storage area?					
Adequate spill containment? (Y/N)					
If stored outside, are wastes covered? (Y/N)					
How is the waste handled/ transferred to its storage area?					
Potential for spill to reach sanitary sewer or storm sewer? (Y/N)					
Waste Transporter/ Destination Records Adequate? (Y/N)					
Evidence of improper disposal/ staining around dumpster(s)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If YES, describe:			

V. STORMWATER:

Location

Storm drains present?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If YES, and process water can reach them, notify Sewer Maintenance.	

VI. ADDITIONAL INFORMATION:

Additional Information

Cooling Waters: ☐ YES ☒ NOBoilers: ☐ YES ☒ NOSpill Plan: ☒ YES ☐ NO

Other:

VII. COMMENTS AND RECOMMENDATIONS:

Comments: All looks good

Recommendations: None

Requirements: None

REPORT COMPLETED BY: *Matt Culpo*

DATE: 10/24/2019

Rec'd
10/23/19
w

Stanhope
Virginia

Beck's Bank

225# H₂SO₄
12 1/2 gal Jevity 2000 Boly
30# ~~45~~ Nickel Chips
15 Gal B/Ox 313 antique solution
10 Gpl Cu Flex 333
5+5 Bleach 12.590
2 1/2 Gal Carrier
2 1/2 Gal Iron Cant
2 1/2 Gal pin wetter
5 332 Cu Flex
5 331 Cu Flex
100# Boric Acid
6x2.5L Nitric
25# Boron Carbide
50# B. ~~250~~ Nickel Sulfate
50# Nickel Chloride
50# Carbon Powder
50# D.E. (Filter Aid)
200# Copper Sulfate
6 Gal Lime Concentrate
75# Carboxy Soda

~~add on 3-12~~

~~finish 3-20~~

~~paid + ship 4-4~~

~~86-19~~

~~21/161~~